

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.

PATENT

B. AMENDMENTS TO THE CLAIMS

1. (currently amended) A method of processing electronic document requests, said method comprising:
receiving a request from an initiator transmitted through a computer network;
determining a target recipient;
identifying a first format corresponding to the request;
identifying a second format corresponding to the target recipient, wherein the second format is different than the first format;
dynamically locating a process, wherein the process is adapted to format the request from the first format to the second format;
formatting the request using the located process;
creating a response based on the formatting; and
sending the formatted response to the target recipient.
2. (original) The method as described in claim 1 further comprising:
retrieving a target profile corresponding to the target recipient, the target profile including a trading partner list and a transaction list;
determining whether the initiator is a trading partner based upon a reading of the trading partner list; and
identifying whether the target recipient and initiator have a known transaction process implementation based upon the transaction list.

Docket No.
AUS920010990US1

Page 3
Albaugh, et. al. - 10/015,234

Atty Ref. No. IBM-1054

PATENT

3. (original) The method as described in claim 2 wherein the target profile includes one or more trading partner qualification criteria.
4. (original) The method as described in claim 2 further comprising:
retrieving a HUB transaction process list;
determining whether a transaction process implementation is available based upon the HUB transaction process list;
and
sending a message to the initiator based on the determination.
5. (original) The method as described in claim 2 further comprising:
locating an existing instance of the process between the target recipient and the initiator; and
creating a new instance between the target recipient and the initiator in response to not locating the existing instance of the process.
6. (original) The method as described in claim 1 further comprising:
retrieving a transaction process number and a message process state corresponding to the request;
retrieving a process state corresponding to the transaction process number;
identifying a message type corresponding to the request;
comparing the process state to the message process state;
and

Docket No.
AUS920010990US1

Page 4
Albaugh, et. al. - 10/015,234

Atty Ref. No. IBM-1054

PATENT

validating the message in response to the comparison.

7. (original) The method as described in claim 1 wherein the formatting further includes:
determining whether the target recipient uses an interactive process or a client-server process.
8. (currently amended) An information handling system comprising:
one or more processors;
a memory accessible by the processors;
one or more nonvolatile storage devices accessible by the processors;
a document processing tool to process electronic documents, the document processing tool including:
means for receiving a request from an initiator transmitted through a computer network;
means for determining a target recipient;
means for identifying a first format corresponding to the request;
means for identifying a second format corresponding to the target recipient, wherein the second format is different than the first format;
means for dynamically locating a process, wherein the process is adapted to format the request from the first format to the second format;
means for formatting the request using the located process;
means for creating a response based on the formatting; and

Docket No.
AUS920010990US1

Page 5

Atty Ref. No. IBM-1054

Albaugh, et. al. - 10/015,234

PATENT

means for sending the formatted response to the target recipient.

9. (original) The information handling system as described in claim 8 further comprising:
means for retrieving a target profile corresponding to the target recipient, the target profile including a trading partner list and a transaction list;
means for determining whether the initiator is a trading partner based upon a reading of the trading partner list;
and
means for identifying whether the target recipient and initiator have a known transaction process implementation based upon the transaction list.
10. (original) The information handling system as described in claim 9 wherein the target profile includes one or more trading partner qualification criteria.
11. (original) The information handling system as described in claim 9 further comprising:
means for retrieving a HUB transaction process list;
means for determining whether a transaction process implementation is available based upon the HUB transaction process list; and
means for sending a message to the initiator based on the determination.
12. (original) The information handling system as described in claim 9 further comprising:

Docket No.
AUS920010990US1

Page 6

Atty Ref. No. IBM-1054

Albaugh, et. al. - 10/015,234

PATENT

means for locating an existing instance of the process between the target recipient and the initiator; and means for creating a new instance between the target recipient and the initiator in response to not locating the existing instance of the process.

13. (original) The information handling system as described in claim 8 further comprising:
means for retrieving a transaction process number and a message process state corresponding to the request;
means for retrieving a process state corresponding to the transaction process number;
means for identifying a message type corresponding to the request;
means for comparing the process state to the message process state; and
means for validating the message in response to the comparison.
14. (currently amended) A computer program product stored in a computer operable media for processing electronic documents, said computer program product comprising:
means for receiving a request from an initiator transmitted through a computer network;
means for determining a target recipient;
means for identifying a first format corresponding to the request;
means for identifying a second format corresponding to the target recipient, wherein the second format is different than the first format;

Docket No.
AUS920010990US1

Page 7

Atty Ref. No. IBM-1054

Albaugh, et. al. - 10/015,234

PATENT

means for dynamically locating a process, wherein the process is adapted to format the request from the first format to the second format;
means for formatting the request using the located process;
means for creating a response based on the formatting;
and
means for sending the formatted response to the target recipient.

15. (original) The computer program product as described in claim 14 further comprising:
means for retrieving a target profile corresponding to the target recipient, the target profile including a trading partner list and a transaction list;
means for determining whether the initiator is a trading partner based upon a reading of the trading partner list;
and
means for identifying whether the target recipient and initiator have a known transaction process implementation based upon the transaction list.
16. (original) The computer program product as described in claim 15 wherein the target profile includes one or more trading partner qualification criteria.
17. (original) The computer program product as described in claim 15 further comprising:
means for retrieving a HUB transaction process list;

Docket No.
AUS920010990US1

Page 8
Albaugh, et. al. - 10/015,234

Atty Ref. No. IBM-1054

PATENT

means for determining whether a transaction process implementation is available based upon the HUB transaction process list; and means for sending a message to the initiator based on the determination.

18. (original) The computer program product as described in claim 15 further comprising:
means for locating an existing instance of the process between the target recipient and the initiator; and
means for creating a new instance between the target recipient and the initiator in response to not locating the existing instance of the process.
19. (original) The computer program product as described in claim 14 further comprising:
means for retrieving a transaction process number and a message process state corresponding to the request;
means for retrieving a process state corresponding to the transaction process number;
means for identifying a message type corresponding to the request;
means for comparing the process state to the message process state; and
means for validating the message in response to the comparison.
20. (original) The computer program product as described in claim 14 wherein the formatting further includes:

Docket No.
AUS920010990US1

Page 9
Albaugh, et. al. - 10/015,234

Atty Ref. No. IBM-1054

PATENT

means for determining whether the target recipient uses
an interactive process or a client-server process.

Docket No.
AUS920010990US1

Page 10
Albaugh, et. al. - 10/015,234

Atty Ref. No. IBM-1054